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Delivery of Molten Metals to Moulds, by
W. Buchen.
GERMAN, per, Giesserei, Vol 49, No 8, 1962,
pp 180-189.
EZ

Sci-Mech
Sept 69

392,899

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Investigations Into the Feeder Technique as Applied to Cast Iron. Parts A and B, by
H. Koppe, S. Engler.
GERMAN, per, Giesserei, Vol 49, No 10, 1962, pp 265-275.
IIB 6811-1

Sci/Materials
Mar 67

318,630

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Investigation into the Feeder Technique as Applied to Cast Iron. Part C 'On the Problem of Feeding Cast Iron Castings', by W. Koppe, S. Engler. GERMAN, per, Giesserei, Vol 49, No 11, 1962, pp 296-306.
HB 6811-II

Sci/Materials
Apr 67

322,448

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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Heat Exchange During the Melting of Cast Iron In the Cupola, by B. Marincek.

GERMAN, per, Giesserei, Vol XLIX, No 13, 1962, pp 377, 378.

HB 5686

Sci-M/M
Apr 63

229,377

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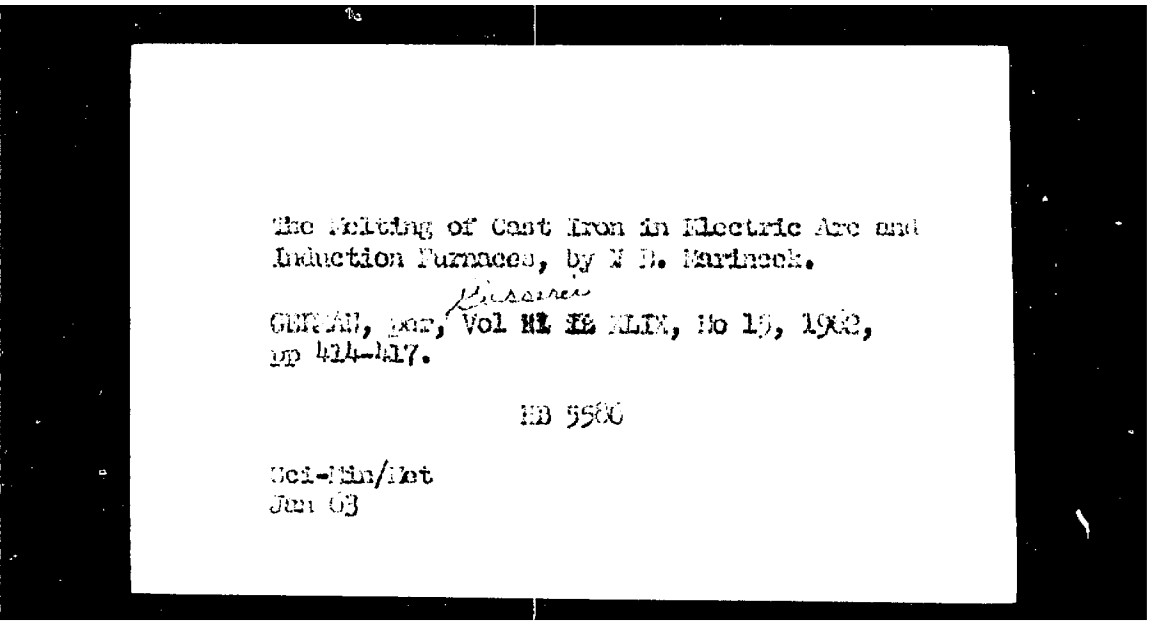

The Melting of Cast Iron in Electric Arc and Induction Furnaces, by V D. Markhasek.

Liteinoe
GOR'KAI, proi, Vol ~~XL~~ ~~XL~~ XLIX, No 10, 1980, pp 414-417.

HB 9500

Del-Min/Pet
Jun 03

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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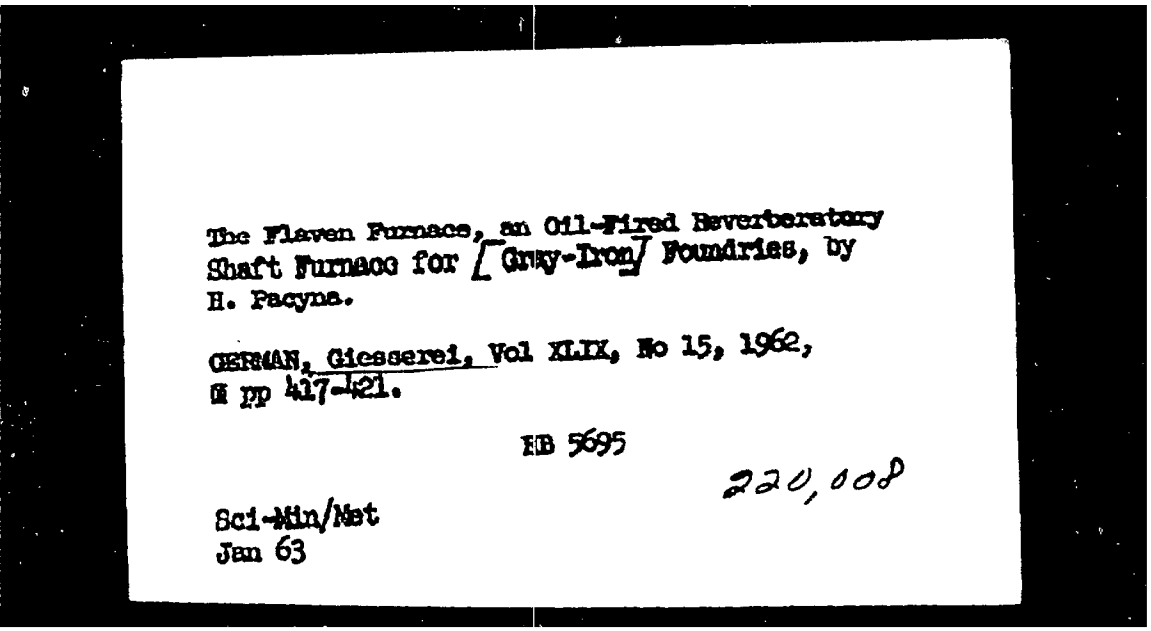

The Flaven Furnace, an Oil-Fired Reverberatory Shaft Furnace for [Grey-Iron] Foundries, by H. Pacyna.

GERMAN, Giesserei, Vol XLIX, No 15, 1962, 8 pp 417-421.

HB 5695

220,008

Sci-Min/Net
Jan 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Hydrogen and Oxygen Absorption From the Mold and Its Influence on the Occurrence of Pinhole Porosity in Steel Castings, by R. Wlodawer.
GERMAN, per, Giesserei, Vol XLIX, # No 18, 1962, pp 605-610.
HB 52717

Sci - Mat/Met
May 64

258,360

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

The Reaction Temperature of Coke as a Criterion for the Progress of the Melting Operation in the Cupola, by P. [illegible] Tobias.

GERMAN, per, Die Giesserei, Vol [illegible] LXIX, No 18, 1962, pp 619-623.

HB 5832

Sci-M&M
May 63

229,818

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Improvement of the Notch Impacth Strength of 13% Chrome Steel Castings, by E. von Rajakovics.

GERMAN, per, Giesserei, Vol L, No 1, 1963, pp 3-6.

BIBI 3312

Sci - Engr, M/M
Aug 63

541/569

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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Problems of Molding and Casting in the Manufacture of Heavy Castings for Machine Tools, by J. Kobel.

GERMAN, per, Die Giesserei, Vol L, No 3, 1963, pp 68-73.

HB 6050

Sci-Engr

243,948

Dec 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Problems in the Production of Heat-Resistant Steel Castings, by H. L. Rose, H. Stein.

GERMAN, per, Die Giesserei, Vol L, M19663, pp 202-213.

BISI 3366

Sci - M/M
Dec 63

243,617

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Investigation of the Velocity Factor of Outflow Speeds in the Pouring of Cast Iron, by A. Holzmuller.
GERMAN, per. Giesserei, Vol 50, No 15, 1963, pp 454-457.
HB 6784

Sci-M&M
Jul 66

304,383

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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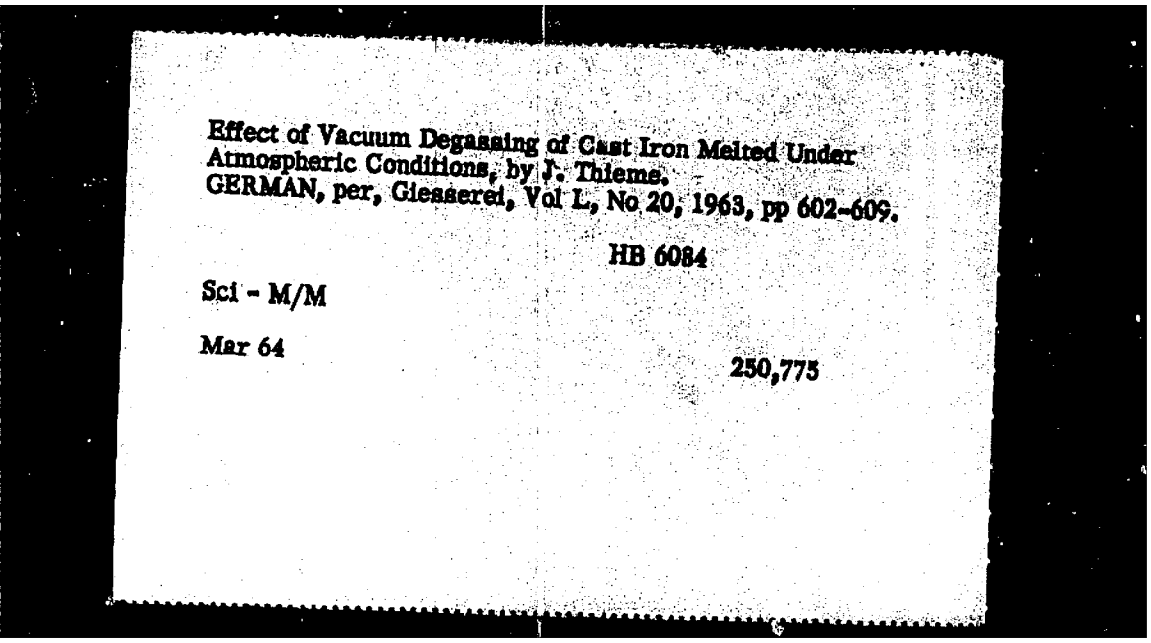

Effect of Vacuum Degassing of Cast Iron Melted Under Atmospheric Conditions, by J. Thieme.
GERMAN, per, Giesserei, Vol L, No 20, 1963, pp 602-609.

HB 6084

Sci - M/M

Mar 64

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Gating and Casting a Highly Stressed Aircraft Component by the Precision Casting Process, by H. Ballewski.
GERMAN, per, Giesserei, Vol 50, No 23, 1963, pp 728-730.
HB 6783

Sci-M&M
May 66

301,005

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Ten Years of Casting Gray Iron by the
Top Feeding Technique, by A. Holzmuller.
GERMAN, per, Die Giesserei, Vol 50, No 25,
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HB 6782

Sci-Materials
Oct 66

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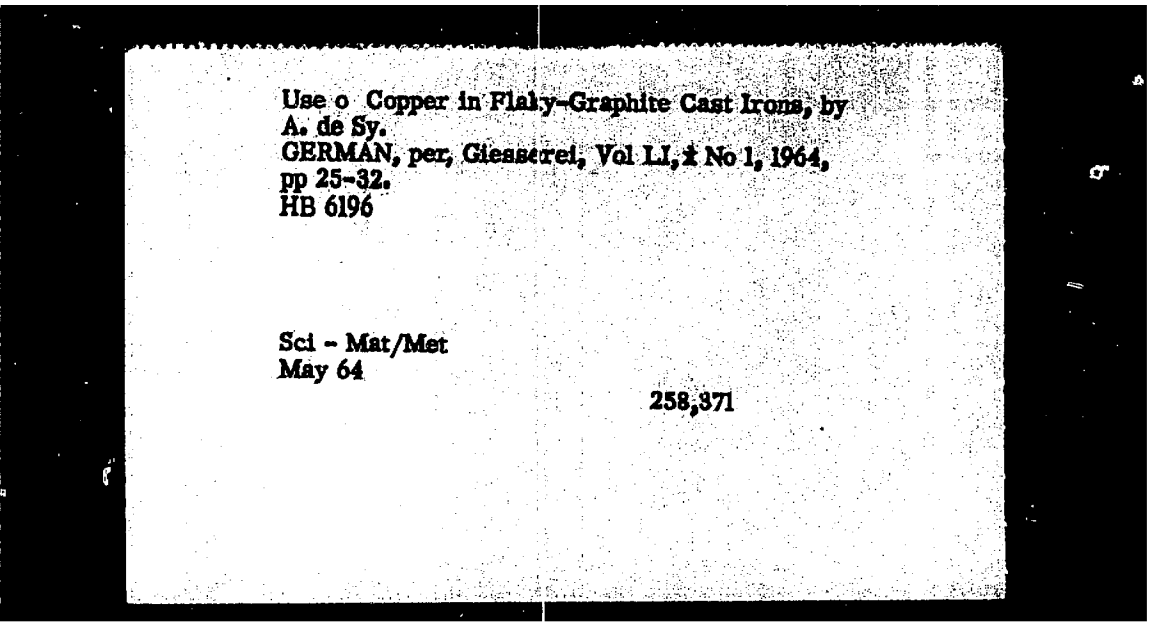

Use o Copper in Flaky-Graphite Cast Irons, by
A. de Sy.
GERMAN, per, Giesserei, Vol LI, # No 1, 1964,
pp 25-32.
HB 6196

Sci - Mat/Met
May 64

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Measurements of Solidification Times on Plates and Spheres of Different Metals and Their Significance for the Design of Feeder Heads, by R. Wlodawer. GERMAN, per, Giesserei, Vol 51, No 4, 1964, pp 95-100.
HB 6781

Sci-M&M
May 66

301,014

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GERMAN, per, Giessorei, Vol 51, 5 Mar 1964, pp 113-117.
BISI 4079
GB 41/4079-90/

GE-Germany
Sci/M&M
May 65

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GERMAN, per, Die Giesserei, Vol LI, No 5, 1964,
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HB 6225

Sci-M & M
June 64

261,796

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Thr Relief of Casting Stresses by Jolting.
Part I, by H. Buhler, H. G. Pfalzgraf.
GERMAN, per, Giesserei, Vol 51, No 8,
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HB 6293

Scl/M&M
May 65

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GERMAN, per, Giesserei, Vol 51, No 8, Apr 1964, pp 199-205.
HB 6386

EEur-Ger
Sci/M&M
Apr 65

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GERMAN, per, Giesserei, Vol 51, 16 Apr. 1964, pp 227-234.
BISI 4494

EE-Germany
Sci/M&M
Jan 66

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Application of the Tatur-Shrinkage-Test for Works Control of Brass Die-Cast Melts, by R. Schlatter
GERMAN, per, Giesserei, Vol 51, May 1964, pp 282-289.
BISI 6611
NLL Ref: 9022.00(6611)

Sci-Materials
Feb 69

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With Spatially Curved Blades,
by H. Komossa.
GERMAN, per, Giesserei, Vol 51, May 14,
1964, pp 289-291.
BISI 4204

EE-Ger
Sci/HGH
Jun 65

280,941

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

A New Method for the Testing of Mould Materials at High Temperatures, by H. G. Levelink and H. Schnilders.

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BISI 4013

278,644

Sci-MH
Apr 65

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With the Shaking Ladle, by H. Weinberg.
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BISI 4265

Sci-M/M
Oct 65

290,196

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GERMAN, per, Giesserei, Vol 51, 1964, No 17, pp 492-98
MB No 7188

Sci - Met
July 67

332,855

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Austenitic Cast Irons, by O. Nickel.
GERMAN, per, Giesserei, Vol 51,
3 Sep 1964, pp 509-518.
BISI 4184

EE-Cer
Sci/M&M
Jul 65

282,439

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Austenitic Cast Irons for High- and Low- Temperature Service, by E. K. Modl, GERMAN, per, Giessorei, Vol 51, 3 Sep. 1964, pp 518-527, BISI 4185

EE-Ger
Sci/MGM
Jul 65

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Comparison of the Metallurgical Possibilities of Hot and Cold Blast Operation in the Cupola. Part I, Iron Temperature and Melting Rate, by F. Neumann. GERMAN, per, Giesserei, Vol 51, No 19, Sep 1964, pp 538-545.
HB 6357

EE-Ger
Sci/M&M
May 65

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GERMAN, per, Giesserei, Vol 51, Oct 15,
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BISI 4383

Sci/MGH
Nov 65

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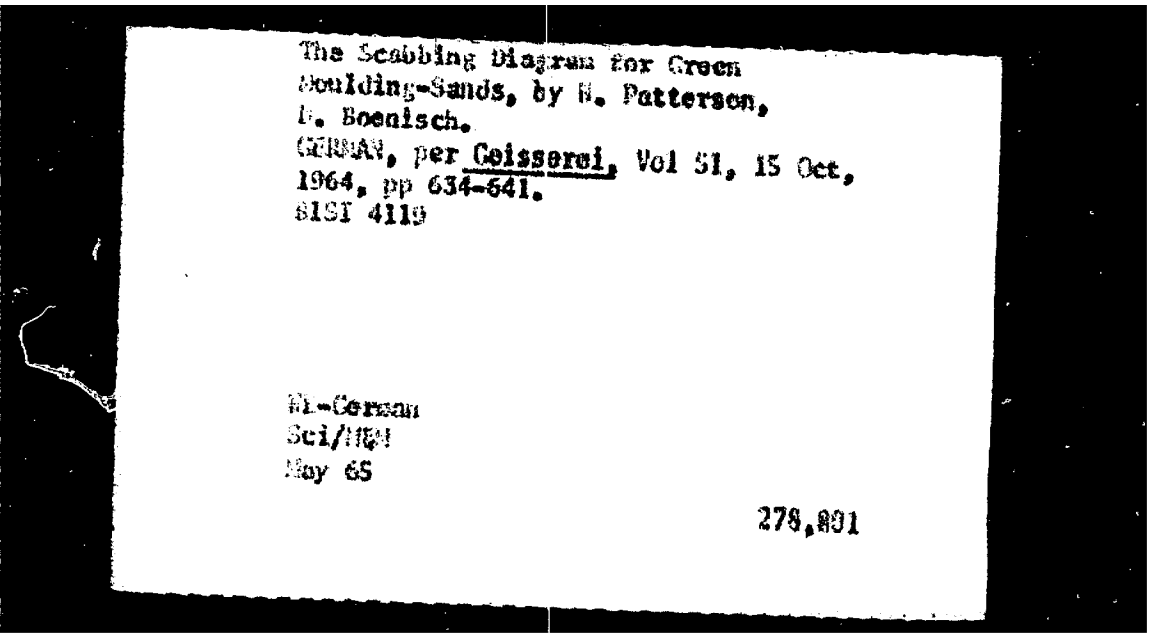

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GERMAN, per Geisserei, Vol 51, 15 Oct, 1964, pp 634-641.
SISI 4119

Bi-German
Sci/Tech
May 65

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The Filtration of Light-Metal Melts, by
A. Buckley.
GERMAN, per, Die Giesserei, Vol 51, No 21, 1964,
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MB 6657

Sci/Materials
Jan 67

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by A. Buckeley.
GERMAN, per, Giesserei, Vol 51,
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BISI 4169

EE-Ger
Sci/M&M
Jun 65

281,008

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by A. Dahlmann, K. Orths.
GERMAN, per, Giesserei, Vol 51, No 22, 1964,
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HB 6399

Sci/M&M
Apr 65

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HB 6450

Sci/M24
Oct 65

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To Obtain the Optimum Effects from Moulding-Sand Additions on the Surface Condition of Castings, by A. Kolorz, et al.
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*BISI 5514

Sci/Materials
Apr 67

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BISI 5514

Sci-Mat
Oct 67

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EB-Ger
Sci/M&M
May 65

279,557

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Henry Brutcher Tr 3696

Sci - Chemistry, Minerals/metals

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Sci - Engr
May 59

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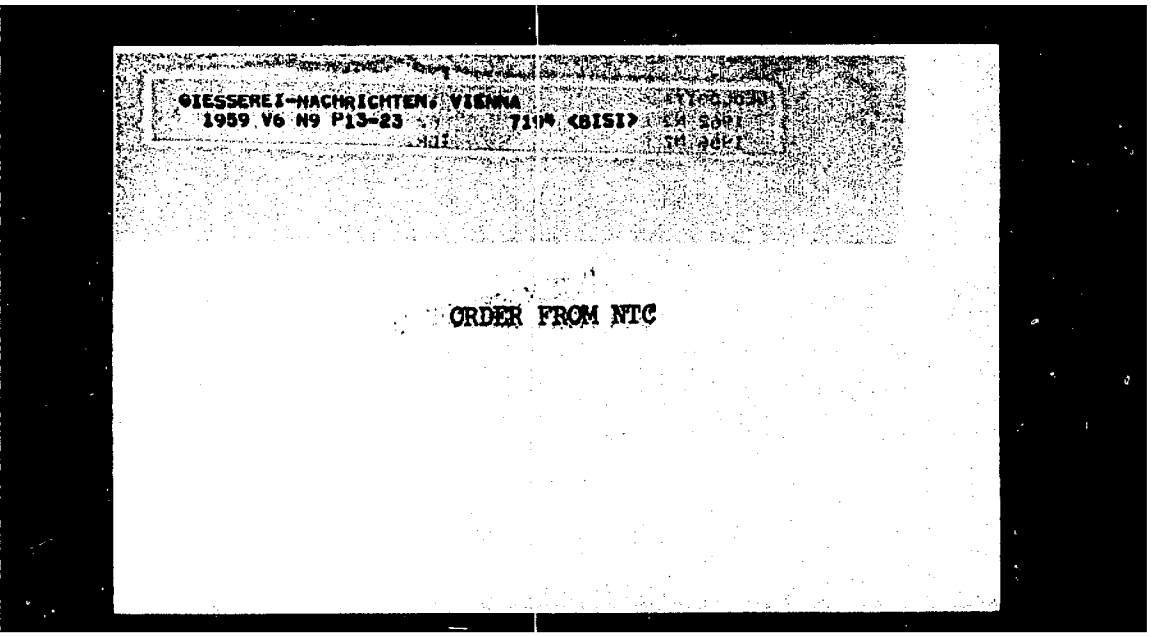

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GERMAN, per, Geiss Nachr. 1959, vol 6
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BISI 7194

Sci/ mat

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SLA 59-20904

Sci
Mar 60
Vol 3, No 1

110,962

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SLA 59-20905

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Mar 60
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SLA 59-15643

Sci
Jun 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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SLA 59-20910

Sci
Mar 60
Vol 3, No 1

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SLA 59-20909

Sci
Mar 60
Vol 3, No 1

110,935

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BLA 59-20908

Sci
Mar 60
Vol 3, No 1

110 934

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SLA 59-20906

Sci
Mar 60
Vol 3, No 1

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GERMAN, per, Giessereipraxis, 1937, Vol LVIII, No 23/24, pp 230-234.

DIA 59-20911

Sci
Mar 60
Vol 3, No 1

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SLA 59-20912

Sci
Mar 60
Vol 3, No 1

110,955

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The Production of Light Metal Sand Chill Mold, and Die Castings, by H. Reininger, 21 p.

GERMAN, per, Giessereipraxis, 1937, Vol LVIII, pp 494-497, and pp 513-518, 1938, Vol LIX, pp 10-12, and pp 26-30.

SLA 59-20912

Sci
Mar 60
Vol 3, No 1

110,955

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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GERMAN, per, Giesserei-praxis, 1937, Vol LVIII, pp 494-497, and pp 513-518, 1938, Vol LIX, pp 10-12, and pp 26-30.

SLA 59-20912

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GERMAN, per, Giessereipraxis, 1937, Vol LVIII, pp 494-497, and pp 513-518, 1938, Vol LIX, pp 10-12, and pp 26-30.

SLA 59-20912

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Mar 60
Vol 3, No 1

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Simple Method for the Qualitative Determination of Impurities in Foundry Sands, by Eduard R. Thews, 9 p.

GERMAN, per, Giessereitechnik, 1951, Vol [illegible], No [illegible], pp 213-217.

BLA 53-15471

Sci
Jan 650
Vol 2, No 5

104 501

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

"Carbon Dioxide in Molding Sand Produces High-Strength Molds", by Dr. W. Magers,

GERMAN, per, Giesserei-Praxis, Vol LXXI, No 23, 1953, pp 416.

Brutcher Tr No 3411
$1.80

Scientific - Chemistry Feb 55 CTS
21,078

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

On the Application of the Carbon Dioxide Process in Light Metal Foundries.

GERMAN, per, Giesserei-Praxis, Vol LXXII, No 7, 1954, pp 117-118.

25,291

Brutcher Tr 3529
$2.50

Scientific - Minerals/Metals - Jul 55 CTS

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Production of Foundry Cores by the Carbon Dioxide Process and Equipment Needed, by W. Saubermann,

GERMAN, per, Giesserei-Praxis, Vol LXXIII, No 2, No 3, 1955, pp 29-32; 49-51;

23,139

Brutcher Tr No 3409
$12.50

Scientific - M Chemistry

Apr
May 55 CSB

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Production of Cast Iron Hollow-Ware, by F. Paschke.

GERMAN, per, Giesserei-Praxis, 25 Mar 1955, pp 105-107.

BCIRA 1011

Sci - Engr

Sep 61

168,564

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Economical Production of ~~Rust~~ Foundry Molds
by the Carbon Dioxide Process, by W. Saubermann,

GERMAN, per, Giesserei-Praxis, Vol LXXIII,
No 7, 1955, pp 130-132.

25,292

~~Zuck~~
Brutcher Tr 3528
#4.60

EEur - Germany
~~Sociological~~
~~Economic~~ -
Jul 55 CTS
Sci - Minerals/Metals -

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

External Cooling of the Cupola Shell by Means of Water Sprays.

GERMAN, per, Giesserei-Praxis, Vol LXXXII, No 10, Aug 1955, pp 291-295.

ASLIB-CRT

Sci

Aug 59

94,231

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Can Molding Sand Be Ruined by Using the Carbon Dioxide Process for Cores?

GERMAN, per, Giesserei-Praxis, No 18, 1955, pp 376, 371-3.

Brutcher Tr 3771

Sci - Chemistry 37,413

Aug 1956 $2.25

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Testing and Evaluation of Binders for Foundry Sands, by Reininger.

GERMAN, per, Giesserei-Praxis, Vol LXXV, 25 Apr 1957, pp 176-181.

Co-op Tr Sch Tr 704

Sci - Engr
Jan 58

57,764

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Giesen, K.
INVESTIGATION OF THE USE OF CALCIUM CARBIDE IN COMMERCIAL CUPOLA OPERATION. [1962] [12]p. 11 refs.
Order from SLA $1.60 62-20086

Trans. of Giessereipraxis (Germany) 1958 [v. 76] no. 11, p. 219-222.

DESCRIPTORS: *Calcium compounds, *Carbides, Cupola furnaces, Additives.

The present report describes the effects of a special grade of calcium carbide which has been developed for use in the cupola furnace. The results of a large number of field tests show that an addition of 2% of "charging carbide" increases the temperature of the iron in the runner by 60°C. If such a temperature increase is not desired, an indirect desulfurization of (Engineering--Chemical, TT, v. 9, no. 8) (over)

62-20086

1. Title: Satzkarbid
I. Giesen, K.

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Herrmann, W.
NEW KNOWLEDGE IN THE FIELD OF CAST IRON METALLURGY (Neue Erkenntnisse in der Metallurgie des Gusseisens). [1961] [10]p. (foreign text included). Order from SLA $1.10 62-10214

Trans. of Giessereipraxis (Germany) 1958 [v. 76] no. 16, p. 309-311.

DESCRIPTORS: *Cast iron, Graphite, Mechanical properties, Metallurgical analysis, Corrosion inhibition.

(Metallurgy--Ferrous Metals, TT, v. 7, no. 9)

62-10214

I. Herrmann, W.

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Hydraulically Operated Iron Moulds, by E. [illegible] Brunhuber.

GERMAN, per, Giesserei-Praxis, Vol LXXV, Aug 195[illegible], pp 324-326.

BCIRA 837

Sci

Jan 63

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

62-10216

THE SOFT NITRIDING OF CAST IRON (Das Weichnitrieren von Gusseisen). [1961] [5]p. (foreign text included).
Order from SLA $1.10 62-10216

Trans. of Giesserelpraxis (Germany) 1959 [v. 77] no. 8, p. 145.

DESCRIPTORS: *Cast iron, *Hardening, *Nitrogen, Chemical reactions, Manufacturing methods, *Cyanates

(Metallurgy--Ferrous Metals, TT, v. 7, no. 8)

Office of Technical Services

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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Plastic Pattern Plates, by H. Maul, Schorn.

GERMAN, per, Giesserei-Praxis, No 12, 25 Jun 1959, pp 217-220.

BCIRA 973

Sci - Engr

May 61

148,836

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Selection of Switch Gear for Mains Frequency Induction Furnace Installations, by A. Potthof.
GERMAN, per, Giesserei-Praxis, No 8, 1964, Apr 25, pp 149-154.
BISI 4280
GB 41/4280-11s

Sci/MGM
Dec 65

293,154

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

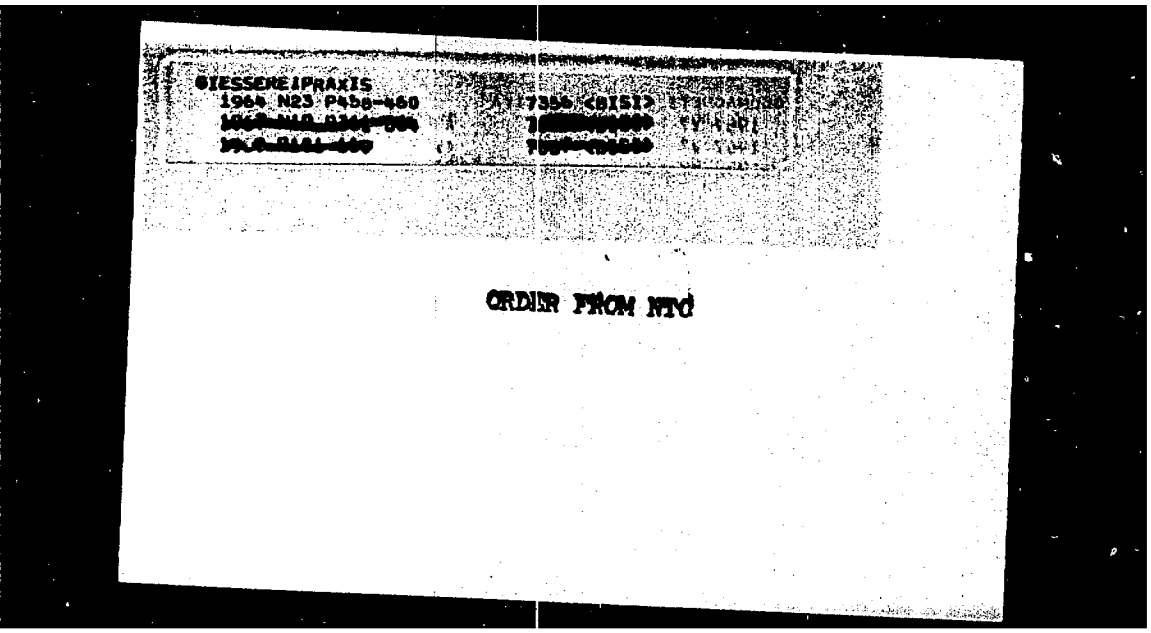
APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Practical Experience with he Shaking Ladle
in the Treatment of Grey Cast Iron and
Production of S. G. Cast Iron,
by S. Tunder, L. Hohle.
GERMAN, per, Giesserei-Praxis, 1964,
Aug. 10, 287-299.
*BISIS 3997

Sci/Met & Mat
Mar 65

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2



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Chilled Grey Cast Iron and Malleable Cast Iron, by A. Frommhagen.
GERMAN, per, Giesserei-Praxis, No 23, 1964, pp 467-474.
BISI 6487

Sci/Materials
Jan 69

353,180

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

The Waterglass-Carbon Dioxide Molding Process, by O. Gerstmann, E. Grohmann,

GERMAN, per, Giessereitechnik, Vol I, No 2, 1955, pp 16-17.

Brutcher Tr 3514
$4.50

24,657

Scientific - Chemistry, Min/Metals Jun 55 CIS

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Determination of Aluminium in Alloy Steels by the Cryolite Method, by R. Leo, G. Konig.

GERMAN, per, Giessereitechnik, Vol I, No 3, 1955, pp 26-28.

Brutcher No 3768
$3.80

Sci - Min/metals

40,666

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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V

Practical Experiences With Carbon Dioxide Process in Core-making for Tractor Parts, by K. Haake, E. Pfitzmann

GERMAN, per. Giessereitechnik, Vol 1, No 10, 1955, pp 191-2

Brutcher No 3641
$1.90

Scientific - Min/Metals, Engineering
Feb 56 CTS/dex

31,229

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Operating Experience with the Hot Blast Cupola,
by R. Drechsler,

GERMAN, per, Giessereitechnik, Vol II, pp 4-6.
1956,

C.I.I.R.O.
Chief Librarian

Bok

115,790

May 60

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Microporosity in Steel Castings, by H. Poetter.

GERMAN, per, Giessereitech, Vol II, May 1956, pp 51-54.

ASLIB-GB7

Sci
Aug 58

70,905

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Use of Vacuum in Sand and Garvity-Die Casting to Minimize Waste, by L. Pilz.

GERMAN, per, Giessereitechnik, Vol II, No 9, 1956, pp 202-206.

Brutcher Tr 4297
$6.80

Sci - Engr

Sep 58

72,576

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Casting in Iron Moulds for the Production of High Quality Grey Cast Iron Components, by
E. Bakovsky.
GERMAN, per, Giessereitechnik, Vol 2, No 10, 1956, pp 235-233.
BISI 7190225

sci/ materials
sept 69

393,053

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Use of Waterglass-Molding Sand Mixes Without Carbon Dioxide Hardening in Grey Iron and Steel Casting, by A. Gebauer, O. Gerstman.

GERMAN, per, Giesserei-technik, Vol III, No 4, 1957, pp 73-77.

Henry Brutcher
No 4008
$5.90 53,197

Sci - Min/Metals
Sep 57

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Correct Gating Technique for Medium-Sized and Large Castings, by Goschel. UNCLASSIFIED

GERMAN, per, Giessereitechnik, Vol III, Jul 1957, pp 160-162.

Co-op Tr Scheme
Tr 875

Sci - Eng
Apr 58

62,602

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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Mechanized Manufacture of Flaskless Carbon Dioxide-Waterglass Foundry Molds, by K. Haake.

GERMAN, per, Giessereitechnik, Vol III, No 9, 1957, pp 193-197.

Brutcher Tr 4213
$4.90

Sci - Engr

Aug 58

68,196

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

R-900 (NY-2015)

Specialization of Foundry Work in East Germany, by Heinz Vater, 15 pp. UNCLASSIFIED

GERMAN, per, Giesserei-Technik, Vol IV, No 9, Berlin, 1958, pp 211-216.

US JPRS/979N

EEur - Germany
Econ - Metallurgy
Dec 58

77,592

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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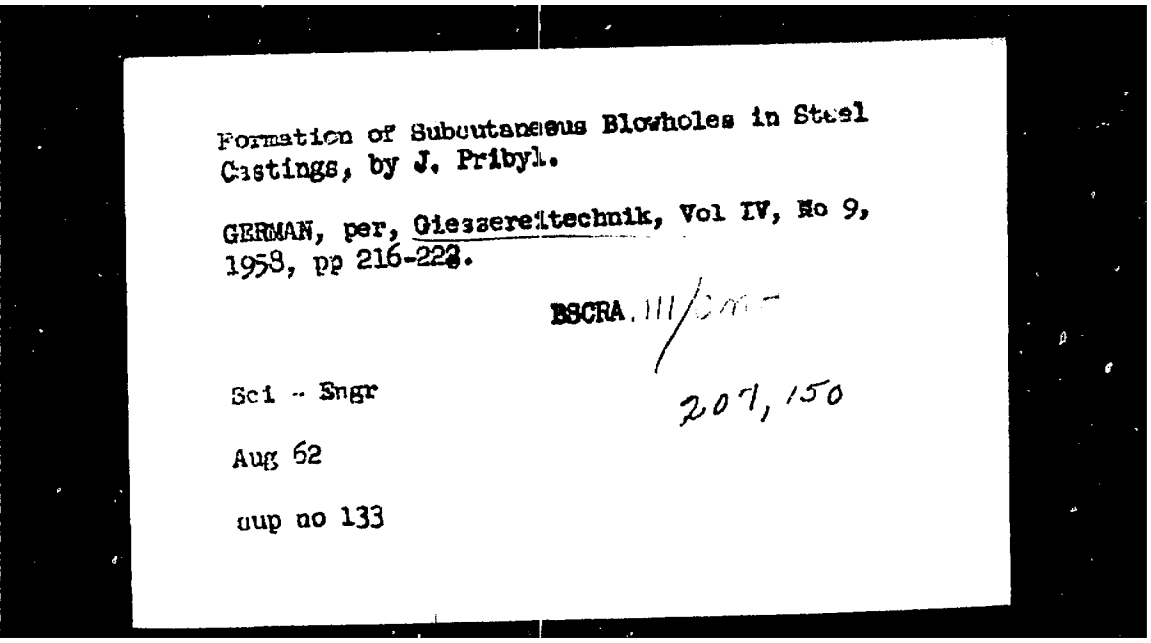

Formation of Subcutaneous Blowholes in Steel Castings, by J. Pribyl.

GERMAN, per, Giessereitechnik, Vol IV, No 9, 1958, pp 216-223.

BSCRA. III/

Sci - Engr

Aug 62

aup no 133

207,150

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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62-10215

Schwarz, Gerhard and Junghans, Dieter.
CHILLED GRAY IRON CASTINGS (Kokillengrauguss). [1961] [39]p. (foreign text included) 3 refs.
Order from SLA $3.60 62-10215

Trans. of Giessereitechnik (Germany) 1958, v. 4, no. 9, p. 225-233.

DESCRIPTORS: *Iron castings, Manufacturing methods, Economics, Industrial research, *Castings, Metallurgical analysis

The knowledge is summarized that has been gained since the chill casting of gray iron was introduced into the Eastern Germany. The economical side of the chill casting of gray iron, and the technological construction of the various chills are stressed. The characteristic features of the various types of chills and the application possibilities thereof are described (Metallurgy--Ferrous Metals, TT, v. 7, no. 8) (over)

1. Schwarz, G.
II. Junghans, D.

201318

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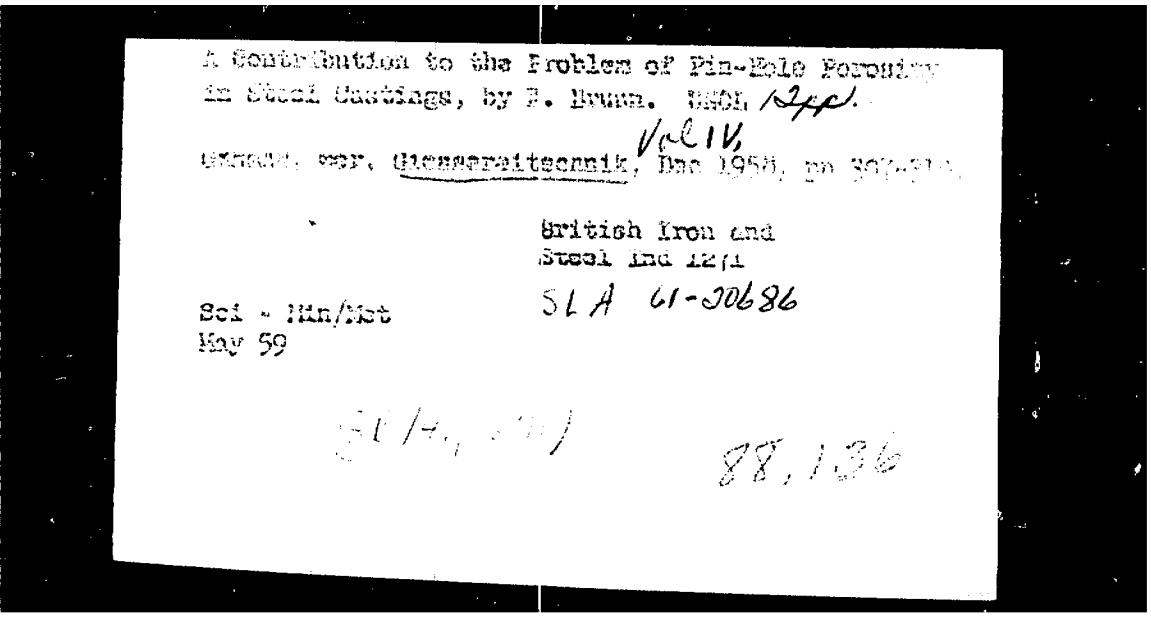

A Contribution to the Problem of Pin-Hole Porosity in Steel Castings, by F. Brunn. UMOL 32pp.

Giesserei-Technik, Vol IV, Dec 1958, pp 307-312.

British Iron and Steel Ind 12/1

SLA 61-30686

Sci - Min/Met
May 59

88,136

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

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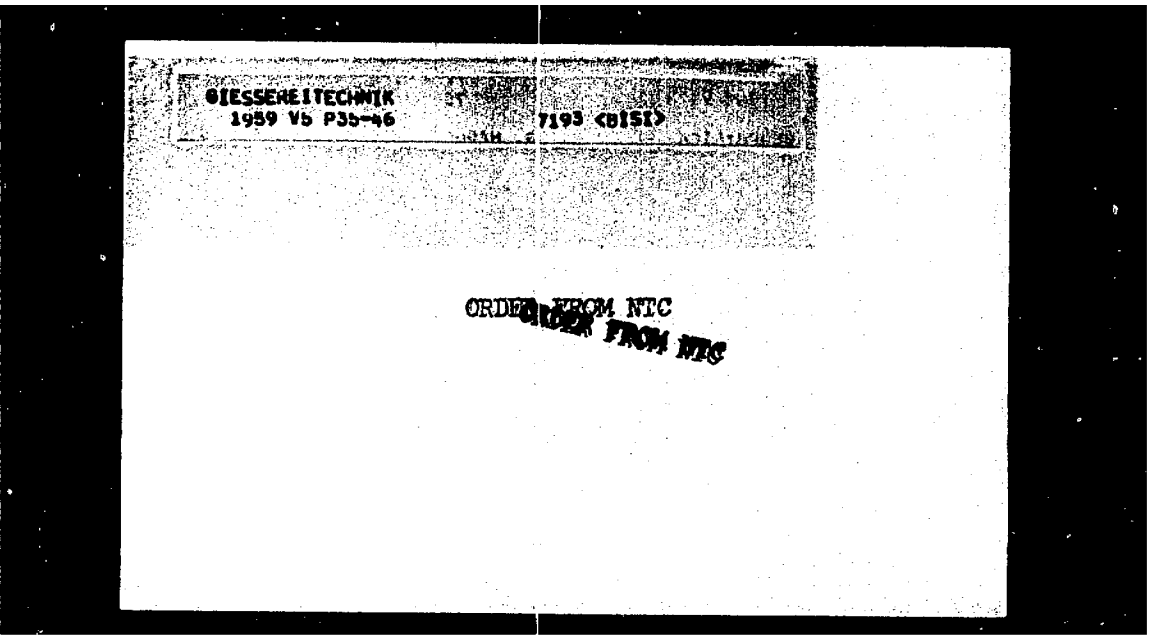

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APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Results of Research on the Production of Profiled Grey Iron Die Castings, by G. Schwarz, D. Junghans.
GERMAN, per, Giessereitechnik, Vol 5, No 2, 1959, pp 35-40.
BISI 7193

sci/ materials
nov 69

397,327

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Advantages of Melting With Calcium Carbide Additions in the Cold Blast Cupola, by G. Stephan.

GERMAN, per, Giessereitechnik, Vol V, Jun 1959, pp 176-177.

BCIRA 1001

Sci - Chem

Sep 61

168,585

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Faults Occuring With Chill Casting (Permanent Mould Casting), by D. Junghans, G. Schwarz. GERMAN, per, Giessereitechn, Vol 5, No 6, 1959, pp 179-185.
BISI 7191

sci/ materials
sept 69

390,961

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Black-Heart and White-Heart Malleable Cast Iron - T o Different Materials?, by Helmut Lehmann.

GERMAN, per, Giessereitechnik, Vol VI, No 1, 1960.

CSIRO

Sci - Min/Met
Aug 62

201,364

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

New Core and Mould Production Processes With "Didileim KP", by L. Chroszcz, W. Konig.

GERMAN, per, Giessereitechnik, Vol VI, No 7, 1960, pp 204-207.

BCIRA 994

Sci

Aug 61

163,162

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Special Cupola Melting Operations. Part 2, The Duplex Process, Cupola-Electric Furnace, by W. Friedel.

GERMAN, per, Giessereitechnik, Vol VI, Aug 1960, pp 241-243.

ICIRA 1003

Sci - Engr

168,576

Sep 61

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Some Materials Problems of Die, Grey, and Malleable Iron Castings, by J. Czikel. GERMAN, ppr, Giessereitechnik, Vol 6, No 9, 1960, pp 13-23.
*BISI 7194

Sci-Mat
May 69

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Rapidly Hardening Moulding Materials With a Base of Dextrin, A Base of Sulphite Liquor-Dextrin and a Base of Water-Glass-Dextrin, by A. Gebauer.
GERMAN, per, Giesserei.technik, Vol 6, No 9, 1960, pp 280-281.
BISI 4981

Sci-Materials
Sept 66

310,350

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

The Casting of Half Ingot Moulds, Heavy Section Plates, Flanges, etc., In Grey Cast Iron With an Ungated Riser, by J. Scholz.

GERMAN, per, Giessereitechnik, Vol VI, Oct 1960, pp 311-313.

BISI 2263

Sci - Engr

160,150

Jul 61

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Cast Iron Containing Nodular Graphite. Present Position of Research and Developments, by H. Grossmann.

GERMAN, per, Giessereitechnik, Vol VI, Oct 1960, pp 314-.

BISI 2262

Sci - Min/Met

Jul 61

160,149

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2

Disasters in the Chill Casting of Gray Iron:
Their Causes and Measures for Their Prevention,
by K. Herfurth.

GERMAN, per, Giesserei-Technik, Vol VI,
No 11, 1960, pp 331-333.

MB 5350

Sci-M/H
Jan 64

246,334

APPROVED FOR RELEASE: Monday, June 30, 2003 CIA-RDP91-00929R000201030013-2